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MCHB-AE-ER (40-59)

MEMORANDUM THRU

CHIEF, DEPARTMENT OF ENVIRONMENTAL SCIENCE, CENTER FOR HEALTH
PROMOTION AND PREVENTIVE MEDICINE, CMR 402, APO AE 09180

COMMANDER, CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE,
CMR 402, APO AE 09180

FOR COMMANDER, TASK FORCE MED FALCON, ATTN: PREVENTIVE MEDICINE
OFFICER (CPT BOSETTI) CAMP BONDSTEEL, APO AE 09340

SUBJECT: Project Silver Falcon Scoping Survey for Depleted Uranium, U.S. Sector, Kosovo,
Project # 27-6D-4405-00, 11-16 Mar 00

1. REFERENCES.

- a. DODD 6490.2, Joint Medical Surveillance.
- b. DODI 6490.3, *Implementation and Application of Joint Medical Surveillance for Deployments.*
- c. Memorandum, Task Force Medical Falcon, AETV-MC-TFMF-CDR, 12 Feb 2000, subject: Request for Assistance Visit to Camp Bondsteel.

2. PURPOSE. To perform a scoping survey of potential target areas which were strafed with depleted uranium (DU) munitions.

3. BACKGROUND. The Project Silver Falcon Team for U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM-EUR) conducted a scoping survey of the nine identified DU target sites in the U.S. Sector in Kosovo.

- a. Two of the nine sites were identified mine fields and were not considered for monitoring or sampling.
- b. Two of the nine sites showed no evidence of enemy occupation or battle damage. They were on a freshly tilled farmland and in wooded hills. Due to the lack of time and EOD support, monitoring and sampling were not conducted.

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c. Two of the nine sites showed evidence of enemy occupation but no battle damage. The area was monitored using Field Instruments for the Detection of Low Energy Radiation (FIDLERs). No readings were recorded more than 50% above the normal background radiation.

d. Three of the nine sites showed evidence of enemy occupation and battle damage. These areas were monitored using FIDLERs. No readings were recorded more than 50% above normal background radiation. Soil samples were taken and analyzed at the Center for Health Promotion and Preventive Medicine in Edgewood, Maryland for the presence of DU in the soil. All soil samples reported a uranium ratio of U235:U238 of between 7.20-7.30 percent. This indicates the soil samples consisted of natural uranium. It does not demonstrate the presence of any DU in the soil.

4. FOLLOW ON ACTIONS.

a. Currently the project team is investigating the possibility of other DU target sites in the U.S. sector in Kosovo. If there are additional target sites in the sector, the project team will evaluate the potential for locating DU on these sites and determine if it is viable to conduct further scoping surveys.

b. If no additional sites are located, a possibility of resurveying the previous sites will be considered.

c. When a target area proven to have DU in the soil is located, a characterization survey of the target area will be conducted. The data retrieved from the characterization survey will support a Health Risk Assessment.

5. CONCLUSIONS. No evidence of DU was found during the scoping survey of the nine available target areas. The evidence of DU at a target site is required before a viable HRA can be formulated. Efforts will continue to locate target sites with DU.

6. TECHNICAL ASSISTANCE. For additional assistance contact LTC Paul Hulkovich; voice on DSN 486-8551/8369/ or 06371-86-8551/8369; facsimile on DSN 486-8954 or 06371-86-8954; or Internet at paul.hulkovich@cpe.amedd.army.mil.

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